Figure 1.

A.

GGGGAAGATCTAAAAA NNNNNNNNNNNNNNNNNN TTTTTAAGCTTGGGG (SEQ ID No:8)

Annealed with Primer P1

GGGGAAGATCTAAAAA NNNNNNNNNNNNNNNNNN TTTTTAAGCTTGGGG (SEQ ID No:8)

AAAAATTCGAACCCC (SEQ ID No:23)

Filling in with Klenow fragment

GGGGAAGATCTAAAAA NNNNNNNNNNNNNNNNNN TTTTTAAGCTTGGGG (SEQ ID No:8)

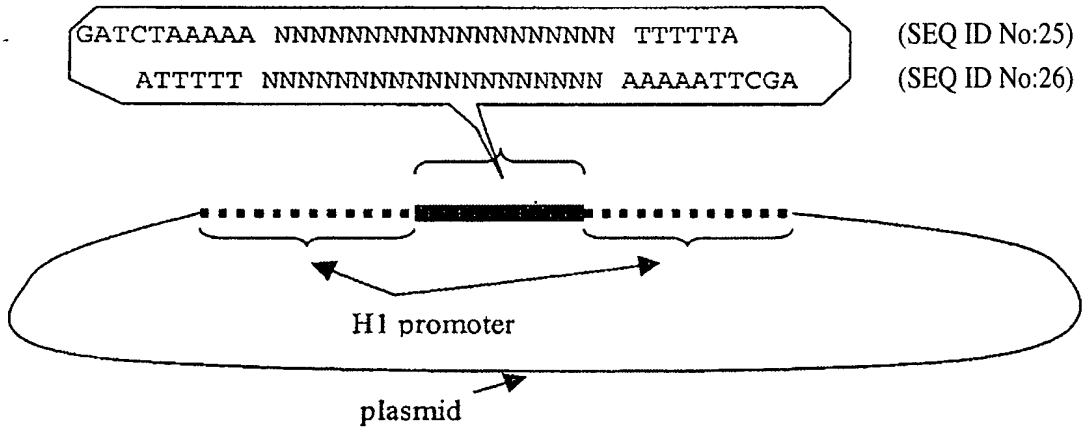
CCCCTTCTAGATTTTT NNNNNNNNNNNNNNNNNN AAAAATTCGAACCCC (SEQ ID No:24)

Cleavage with Hind III / Bgl II

GATCTAAAAA NNNNNNNNNNNNNNNNNN TTTTTA (SEQ ID No:25)

ATTTTT NNNNNNNNNNNNNNNNNN AAAAATTCGA (SEQ ID No:26)

Cloning into a plasmid with H1 promoter in reversed direction



B.

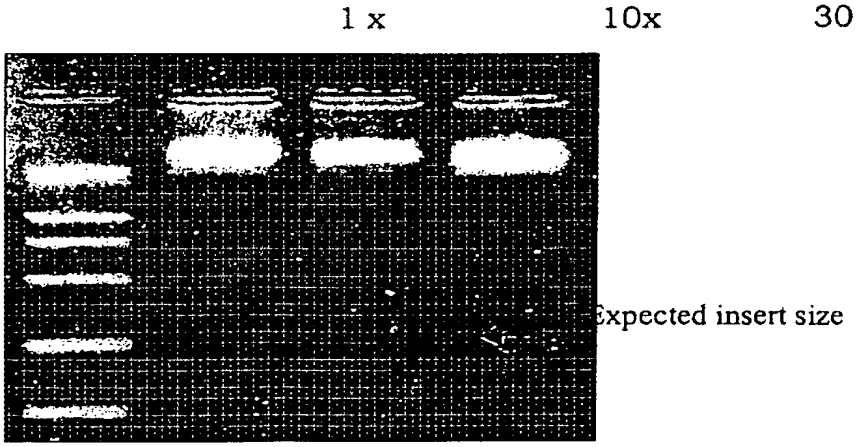
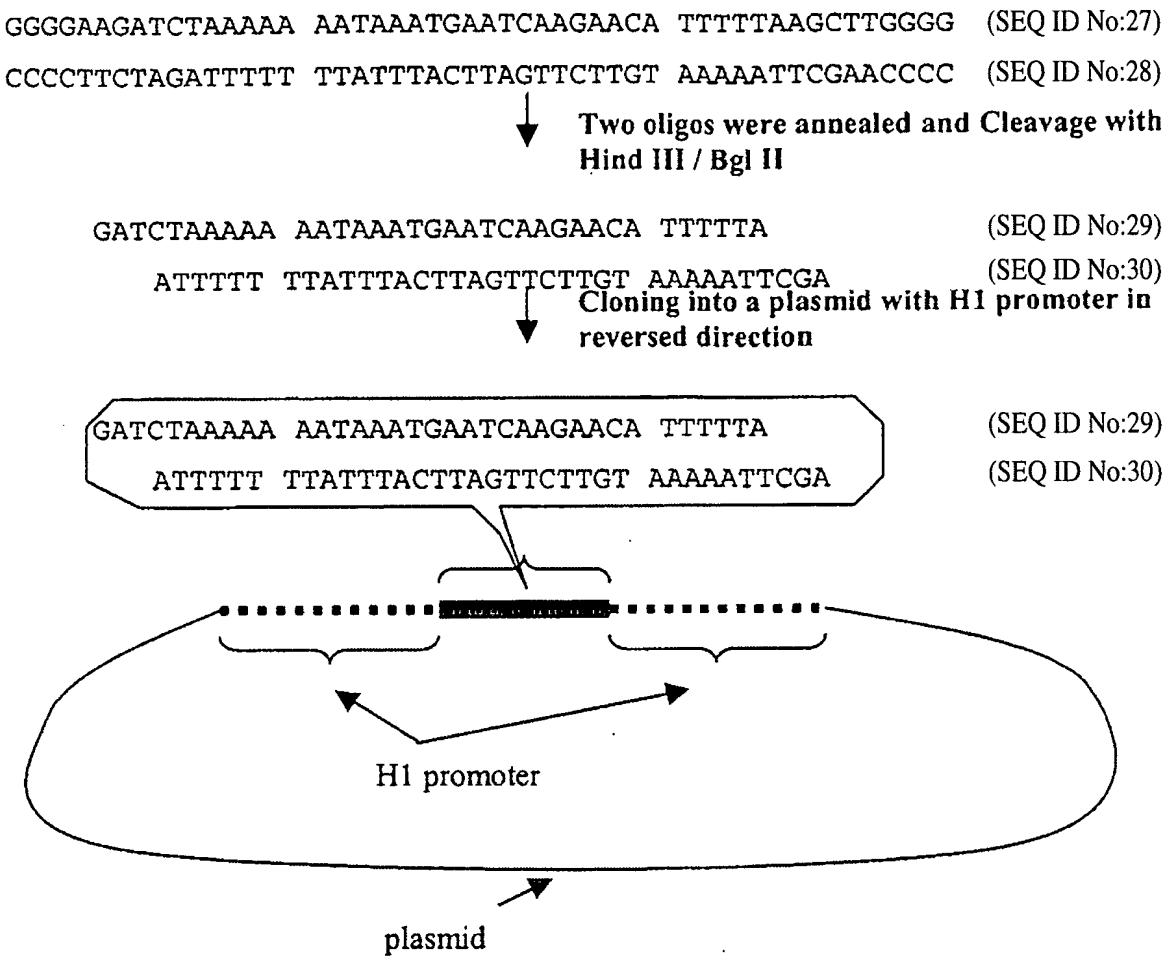


Figure 2.

A.


GGGGAAGATCTAAAAA AATAAATGAATCAAGAACA TTTTTAAGCTTGGGG (SEQ ID No:27)
CCCCTTCTAGATTTTT TTATTTACTTAGTTCTTGT AAAAATTCGAACCCC (SEQ ID No:28)
Two oligos were annealed and Cleavage with Hind III / Bgl II
GATCTAAAAA AATAAATGAATCAAGAACA TTTTTA (SEQ ID No:29)
ATTTTT TTATTTACTTAGTTCTTGT AAAAATTCGA (SEQ ID No:30)
Cloning into a plasmid with H1 promoter in reversed direction
GATCTAAAAA AATAAATGAATCAAGAACA TTTTTA (SEQ ID No:29)
ATTTTT TTATTTACTTAGTTCTTGT AAAAATTCGA (SEQ ID No:30)
H1 promoter
plasmid

B.

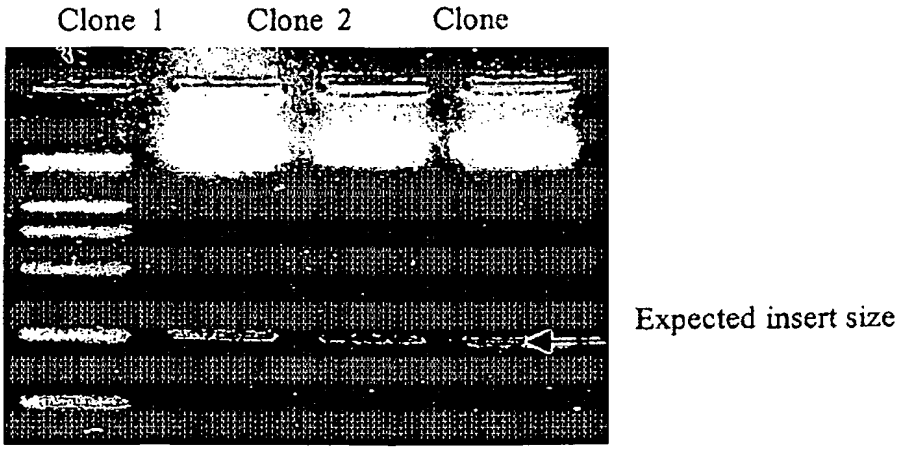
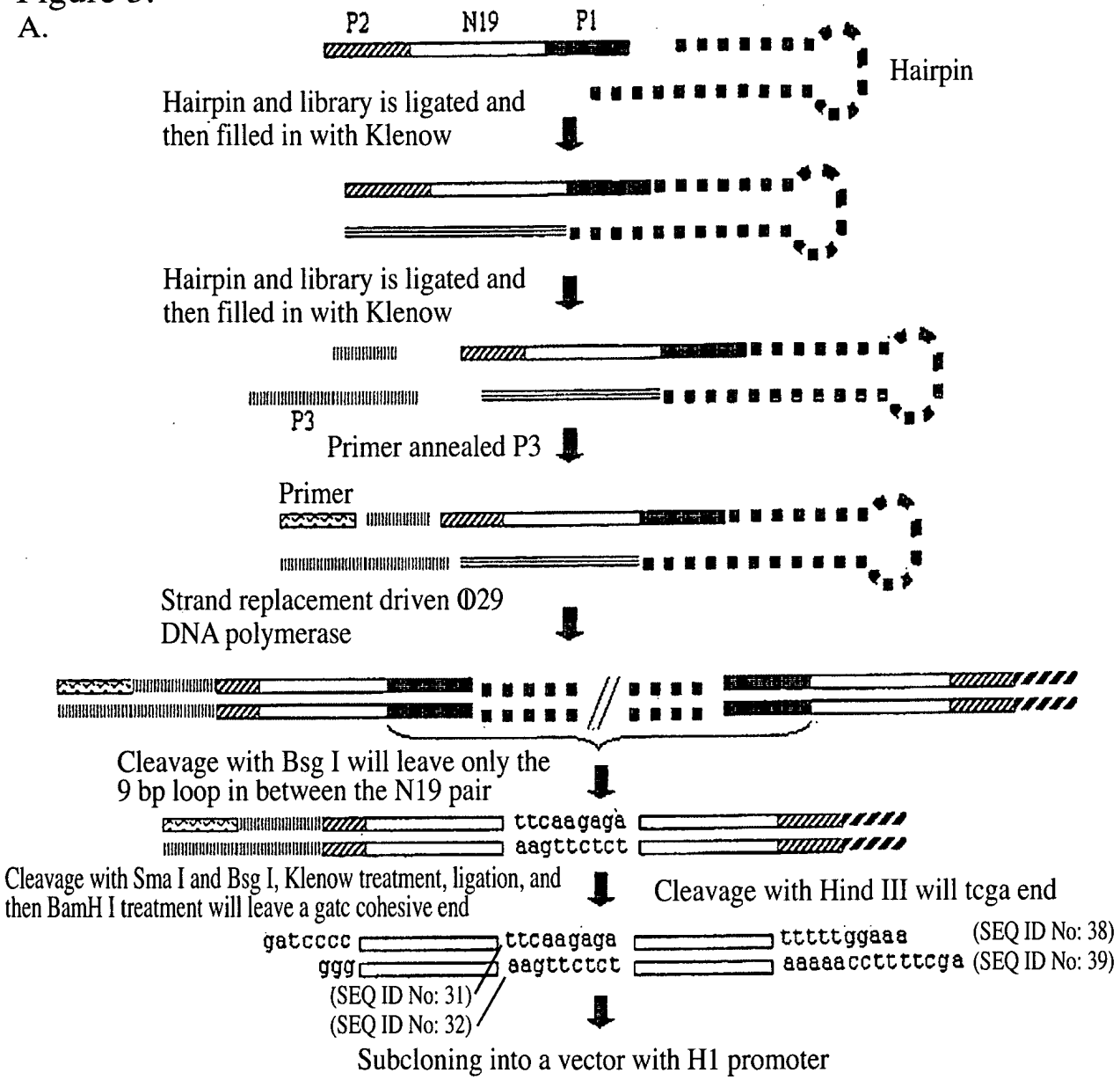

Clone 1
Clone 2
Clone
Expected insert size

Figure 3.

A.



B.

P1: TTC AAG AGA (SEQ ID No: 31)

P2. ACA AAG CTT TTC CAA AAA (SEQ ID No: 33)

N19: NNN NNN NNN NNN NNN NNN N (SEQ ID No: 34)

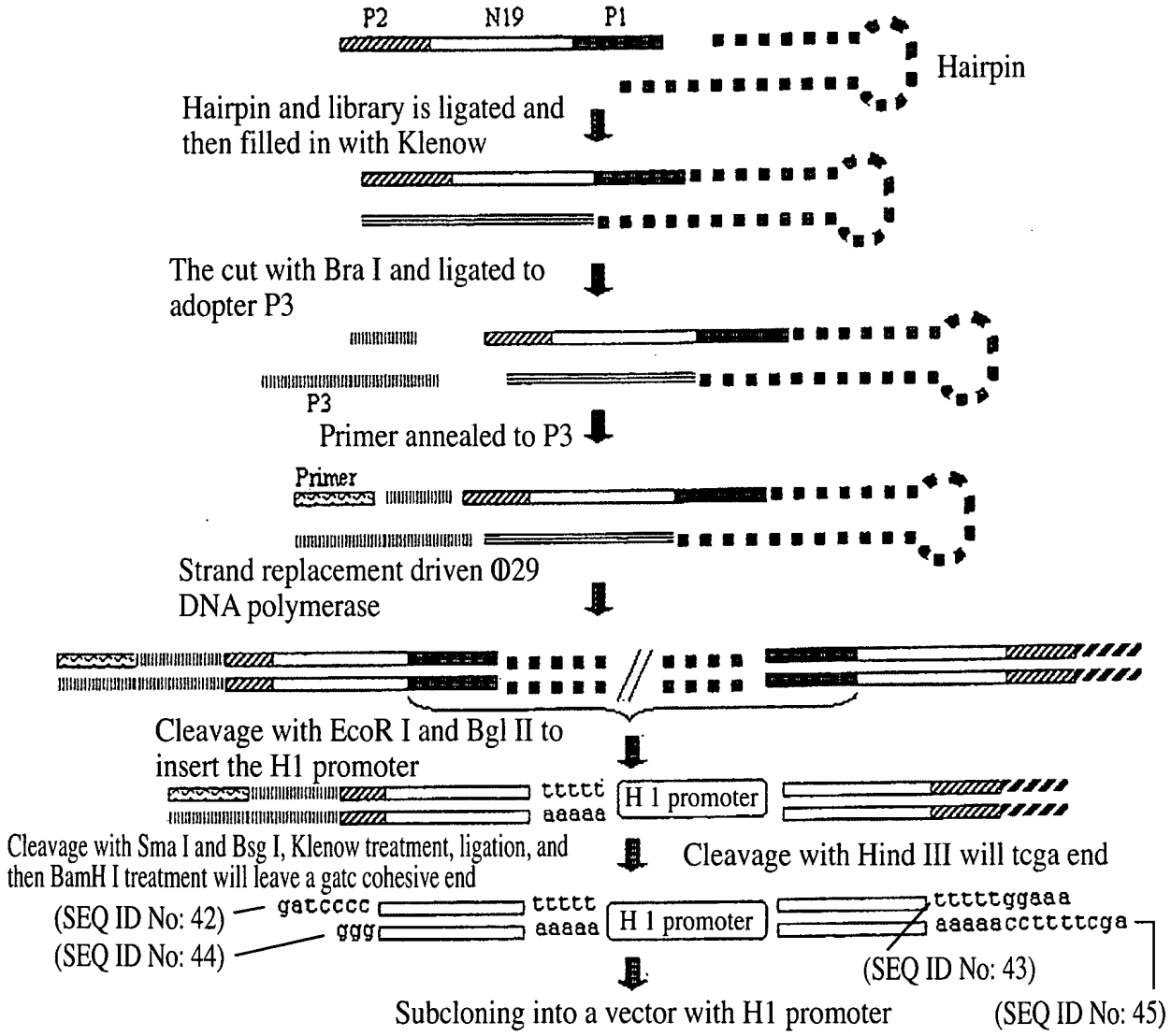
Hairpin: CAC ACG TGT CTT CGA ACA CAA TGC TAA TCT CTT GAA (SEQ ID No: 35)

P3: AGC TTA CTG CAC CC GGG GAT CCT GTT (SEQ ID No: 36)

Primer: AAC TGG ATC CCC GGG GTG CAG (SEQ ID No: 37)

Figure 4.

A.



B.

P1: TTT TTG GAT CC (SEQ ID No: 40)

P2. ACA AAG CTT TTC CAA AAA (SEQ ID No: 33)

N19: NNN NNN NNN NNN NNN NNN N (SEQ ID No: 34)

(SEQ ID No: 41)

Hairpin: GGG AGA TCT TCG CTT CAA CGA AGA TCT CCC GGA TCC AAA AA

P3: AGC TTA CTG CAC CC GGG GAT CCT GTT (SEQ ID No: 36)

Primer: AAC TGG ATC CCC GGG GTG CAG (SEQ ID No: 37)